

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2018 Levee Inspection Results

Reclamation District No. 2058 Pescadero

| | Spring (March - May) | Summer ** (June - August) | Fall (September - November) | Winter ** (December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| † Overall LMA Rating (Fall Only) | | | | |

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Reclamation District No. 2058 Pescadero

| Waterway | | | Bank | Unit Miles |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 01 Paradise Cut | | | Left | 6.58 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | | |
| Date of Inspection | 3/12/2018 - 3/12/2018 | | | |
| DWR Inspector | Maksim Khashchuk | | | |
| Accompanied By | | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | |
|---|-------------------------------|--------------|------------------------|------------|-----|
| LM Start | | Rating ** | A | Issue No. | 6 |
| LM End | | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Flood Preparedness & Training | | | | |
| DWR ID | DWR_RD2058_01_s _ 2013_6 | | | | |
| Comment Code | | | | | |
| Inspector Comment | | | | | |
| The LMA has current flood fight training. | | | | | |

No Photos

| | | | | | |
|---|--------------------------------|--------------|------------------------|------------|-----|
| LM Start | | Rating ** | A | Issue No. | 7 |
| LM End | | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Emergency Supplies & Equipment | | | | |
| DWR ID | DWR_RD2058_01_s _ 2013_7 | | | | |
| Comment Code | | | | | |
| Inspector Comment | | | | | |
| Flood fight supplies are available on-site at the office. | | | | | |

No Photos

| | | | | | |
|---|----------------------------------|--------------|------------------------|------------|-----|
| LM Start | | Rating ** | A | Issue No. | 9 |
| LM End | | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Operations & Maintenance Manuals | | | | |
| DWR ID | DWR_RD2058_01_s _ 2013_9 | | | | |
| Comment Code | | | | | |
| Inspector Comment | | | | | |
| The O&M Manual is available at the district office. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.03 | Rating ** | C | Issue No. | 22 |
| LM End | 0.22 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.801905 ° | 37.804173 ° |
| | | | | -121.420544 ° | -121.418646 ° |
| DWR ID | DWR_RD2058_01_f_2017_22 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.22 | Rating ** | C | Issue No. | 24 |
| LM End | 0.29 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.804174 ° | 37.804738 ° |
| | | | | -121.418646 ° | -121.417469 ° |
| DWR ID | DWR_RD2058_01_f_2017_24 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.23 | Rating ** | M | Issue No. | 4 |
| LM End | 0.23 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.804351 ° | 37.804351 ° |
| | | | | -121.418433 ° | -121.418433 ° |
| DWR ID | DWR_RD2058_01_f_2013_4 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Wild rose on the levee. This area is riparian rabbit habitat. | | | | | |

Photo 1 of 1 : SP_2018_RD2058_111_4_20180305_00005.jpg



View of the wild rose on the levee slope obstructing visibility and access.

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.37 | Rating ** | C | Issue No. | 31 |
| LM End | 0.69 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.804255 ° | 37.801850 ° |
| | | | | -121.416306 ° | -121.411562 ° |
| DWR ID | DWR_RD2058_01_f_2017_31 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.37 | Rating ** | A | Issue No. | 32 |
| LM End | 2.12 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.804255 ° | 37.803859 ° |
| | | | | -121.416302 ° | -121.386171 ° |
| DWR ID | DWR_RD2058_01_f_2017_32 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Acceptable vegetation control on the levee slope. | | | | | |

Photo 1 of 1 : SP_2018_RD2058_111_32_20180314_00064.jpg



View of the acceptable vegetation control on the levee slope.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.55 | Rating ** | M | Issue No. | 21 |
| LM End | 0.55 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.802369 ° | 37.802369 ° |
| | | | | -121.413902 ° | -121.413902 ° |
| DWR ID | DWR_RD2058_01_s_2017_21 | | | | |
| Comment Code | | | | | |
| T1 : Trim trees to at least five feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2018_RD2058_111_21_20180305_00013.jpg



View of the tree that needs to be trimmed.

| | | | | | |
|---|--|--|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|--|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|-----|
| LM Start | 0.72 | Rating ** | M | Issue No. | 975 | |
| LM End | 0.72 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 37.801792 ° | 37.801792 ° | |
| | | | | -121.410921 ° | -121.410921 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:45843 DS_ID:22700 EP_NO: 5055 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Excessive oil leakage. FIELD_STRUCT_DESC: 16-inch steel drainage discharge pipe through the levee, 3.8 feet below the crown. Drainage ditch on the landside (LS). Pump on a concrete sump on the LS. Siphon breaker under protective cover on the waterside (WS) slope. (To abandon the existing 12-inch pipe with concrete and install a new 16-inch pipe authorized under Permit No. 5055, 1965 - Stanley Electric Motor Company). 12-inch pipe grouted in place. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 10, March 1964, (HLM 0.72)]. FS Date: 5/12/2015 | | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 0.72 | Rating ** | M | Issue No. | 975 (cont) |
| LM End | 0.72 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2018_45843_45165.jpg



LS view: exposed pipe and vertical pump on concrete sump on drain ditch.

Photo 2 of 3 : UCIP_SP_2018_45843_74061.jpg



LS view: closeup of pump showing excessive oil leakage.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.72 | Rating ** | M | Issue No. | 975 (cont) | |
| LM End | 0.72 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 37.801792 ° | 37.801792 ° | |
| | | | | -121.410921 ° | -121.410921 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:45843 DS_ID:22700 EP_NO: 5055 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Excessive oil leakage. FIELD_STRUCT_DESC: 16-inch steel drainage discharge pipe through the levee, 3.8 feet below the crown. Drainage ditch on the landside (LS). Pump on a concrete sump on the LS. Siphon breaker under protective cover on the waterside (WS) slope. (To abandon the existing 12-inch pipe with concrete and install a new 16-inch pipe authorized under Permit No. 5055, 1965 - Stanley Electric Motor Company). 12-inch pipe grouted in place. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 10, March 1964, (HLM 0.72)]. FS Date: 5/12/2015 | | | | | | |

Photo 3 of 3 : UCIP_SP_2018_45843_74060.jpg



WS view: siphon breaker in protective casing.

| | | | | | |
|---|-----------------------------|--------------|-----|------------------------|---------------|
| LM Start | 0.72 | Rating ** | A/W | Issue No. | 976 |
| LM End | 0.72 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.801792 ° | 37.801792 ° |
| | | | | -121.410921 ° | -121.410921 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:45143 DS_ID:22704 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: *ABANDONED* 12-inch drainage discharge pipe of an unknown material through the levee, 18 feet below the crown. Pump on the landside (LS). Flap gate on the waterside (WS). (To abandon the existing 12-inch pipe with concrete and install a new 16-inch pipe authorized under Permit No. 5055, 1965 - Stanley Electric Motor Company). 12-inch pipe grouted in place. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 10, March 1964, (HLM 0.72)]. FS Date: 5/12/2015 | | | | | |

Photo 1 of 1 : UCIP_SP_2018_45143_45168.jpg



LS view: an abandoned pipe found in concrete sump.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.75 | Rating ** | A | Issue No. | 35 |
| LM End | 2.12 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.801742 ° | 37.803859 ° |
| | | | | -121.410323 ° | -121.386171 ° |
| DWR ID | DWR_RD2058_01_f_2017_35 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Acceptable vegetation control on the levee slope. | | | | | |

Photo 1 of 1 : SP_2018_RD2058_111_35_20180314_00065.jpg



View of the acceptable vegetation control on the levee slope.

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.21 | Rating ** | M | Issue No. | 977 |
| LM End | 1.21 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.802249 ° | 37.802249 ° |
| | | | | -121.402183 ° | -121.402183 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:45847 DS_ID:22693 EP_NO: 10426 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Crossing needs to be marked. FIELD_STRUCT_DESC: 33-inch concrete encased steel sewer line through the levee, 17 feet below the crown. Manholes visible along Delta Avenue, but no other indicators visible at the levee. (Sewer line authorized under Permit No. 10426, 1975 - City of Tracy, care of CDM, Inc.). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/12/2015 | | | | | |

Photo 1 of 1 : UCIP_SP_2018_45847_74322.jpg



View of LS. Alignment of Crossing to right of canal at dirt access road.

| | | | | | |
|--|--|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | |
|----------|-----------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.22 | Rating ** | U | Issue No. | 978 |
| LM End | 1.22 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.802301 ° | 37.802301 ° |
| | | | | -121.401977 ° | -121.401977 ° |
| DWR ID | | | | | |

Comment Code

Inspector Comment

FS_ID:51161
DS_ID:22694
EP_NO: 11546
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 11/29/2016 Heavy erosion still present. Could be due to wave run-up as this is the only spot on levee not rock revetted. Greg Pombo (RD2058) indicated permits for endangered species prevent rock revetment. (K. Fazel - UCIP)05/12/2015 Erosion on west side of pipe at W/S toe. (K. Fazel - UCIP)
FIELD_STRUCT_DESC: 1 of 2: 18-inch steel drainage discharge pipe through the levee, 2 feet below the crown. Pump in drainage ditch on the landside (LS). Siphon breaker with cover on the waterside (WS) shoulder. Electrical service pole at the LS toe. (18-inch pipe and pump authorized under Permit No. 11546, 1976 - Reclamation District No. 2058). [Additional Reference(s): DWR Levee Log, 2005].
FS Date: 11/29/2016

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 1.22 | Rating ** | U | Issue No. | 978 (cont) |
| LM End | 1.22 | Issue Type + | Ma | Location * | |

Photo 1 of 3 : UCIP_SP_2018_51161_45171.jpg



WS view: siphon breaker hole. Siphon breaker removed for repair.

Photo 2 of 3 : UCIP_SP_2018_51161_45170.jpg



LS view: pipe, pile structure, and pump platform in drain ditch.

| | | | | | |
|---|--|--|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|--|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | | |
|---|-----------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 1.22 | Rating ** | U | Issue No. | 978 (cont) | |
| LM End | 1.22 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | | 37.802301 ° | 37.802301 ° | |
| | | | | -121.401977 ° | -121.401977 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:51161 DS_ID:22694 EP_NO: 11546 Repair Type: Urgent Crossing Status: Found UCIP Comments: 11/29/2016 Heavy erosion still present. Could be due to wave run-up as this is the only spot on levee not rock revetted. Greg Pombo (RD2058) indicated permits for endangered species prevent rock revetment. (K. Fazel - UCIP)05/12/2015 Erosion on west side of pipe at W/S toe. (K. Fazel - UCIP) FIELD_STRUCT_DESC: 1 of 2: 18-inch steel drainage discharge pipe through the levee, 2 feet below the crown. Pump in drainage ditch on the landside (LS). Siphon breaker with cover on the waterside (WS) shoulder. Electrical service pole at the LS toe. (18-inch pipe and pump authorized under Permit No. 11546, 1976 - Reclamation District No. 2058). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 11/29/2016 | | | | | | |

Photo 3 of 3 : UCIP_SP_2018_51161_74320.jpg



Siphon Breaker on WS shoulder.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.82 | Rating ** | U | Issue No. | 11 |
| LM End | 1.83 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.804785 ° | 37.804802 ° |
| | | | | -121.391524 ° | -121.391304 ° |
| DWR ID | DWR_RD2058_01_f_2013_11 | | | | |
| Comment Code | | | | | |
| MA : Material | | | | | |
| Inspector Comment | | | | | |
| Pile of concrete contains rebar on landside slope obstructing visibility and access. | | | | | |

Photo 1 of 1 : SP_2018_RD2058_111_11_20180305_00006.jpg



View of the concrete with rebar placed on the landside slope.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | |
|--|-----------------------------|--------------|-----|------------------------|---------------|
| LM Start | 2.12 | Rating ** | A/W | Issue No. | 979 |
| LM End | 2.12 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.803892 ° | 37.803892 ° |
| | | | | -121.386299 ° | -121.386299 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:45865 DS_ID:22705 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 20-inch steel drainage discharge pipe through the levee, 8 feet below the crown. Pump on a concrete sump in a drainage ditch on the landside (LS) toe. Siphon breaker on the waterside (WS) shoulder. [Additional Reference(s): USACE San Joaquin O&M Manual 10, March 1964, (HLM 2.14), 18-inch pipe referenced]. FS Date: 5/12/2015 | | | | | |

| | | | | | |
|----------|-------------|--------------|-----|------------|-------------------|
| LM Start | 2.12 | Rating ** | A/W | Issue No. | 979 (cont) |
| LM End | 2.12 | Issue Type + | Ma | Location * | |

Photo 1 of 3 : UCIP_SP_2018_45865_74323.jpg



Siphon breaker on WS shoulder inside protective riser.

Photo 2 of 3 : UCIP_SP_2018_45865_74324.jpg



Pipe just visible at WS toe at center of photograph.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | | |
|--|-----------------------------|--------------|-----|------------------------|---------------|--|
| LM Start | 2.12 | Rating ** | A/W | Issue No. | 979 (cont) | |
| LM End | 2.12 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | | 37.803892 ° | 37.803892 ° | |
| | | | | -121.386299 ° | -121.386299 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:45865 DS_ID:22705 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 20-inch steel drainage discharge pipe through the levee, 8 feet below the crown. Pump on a concrete sump in a drainage ditch on the landside (LS) toe. Siphon breaker on the waterside (WS) shoulder. [Additional Reference(s): USACE San Joaquin O&M Manual 10, March 1964, (HLM 2.14), 18-inch pipe referenced]. FS Date: 5/12/2015 | | | | | | |

Photo 3 of 3 : UCIP_SP_2018_45865_74325.jpg



Pump on concrete pad at LS toe.

| | | | | | | |
|---|-----------------------------|--------------|----|------------------------|---------------|-----|
| LM Start | 2.12 | Rating ** | M | Issue No. | 980 | |
| LM End | 2.12 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP LMA Responsibility | | | 37.803886 ° | 37.803886 ° | |
| | | | | -121.386271 ° | -121.386271 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:51699 DS_ID:22706 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Leaky and damaged siphon breaker on waterside shoulder.. FIELD_STRUCT_DESC: 16-inch steel drainage discharge pipe through the levee, 8 feet below the crown. Pump on a concrete sump in a drainage ditch on the landside (LS) toe. Siphon breaker on the waterside (WS) shoulder. [Additional Reference(s): USACE San Joaquin O&M Manual 10, March 1964, (HLM 2.14), 12-inch pipe referenced]. FS Date: 5/13/2015 | | | | | | |

Photo 1 of 3 : UCIP_SP_2018_51699_45192.jpg



WS view: exposed steel pipe (right) on channel bank.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | | |
|---|-----------------------------|--------------|----|------------------------|---------------|-----|
| LM Start | 2.12 | Rating ** | M | Issue No. | 980 (cont) | |
| LM End | 2.12 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP LMA Responsibility | | | 37.803886 ° | 37.803886 ° | |
| | | | | -121.386271 ° | -121.386271 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:51699 DS_ID:22706 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Leaky and damaged siphon breaker on waterside shoulder.. FIELD_STRUCT_DESC: 16-inch steel drainage discharge pipe through the levee, 8 feet below the crown. Pump on a concrete sump in a drainage ditch on the landside (LS) toe. Siphon breaker on the waterside (WS) shoulder. [Additional Reference(s): USACE San Joaquin O&M Manual 10, March 1964, (HLM 2.14), 12-inch pipe referenced]. FS Date: 5/13/2015 | | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 2.12 | Rating ** | M | Issue No. | 980 (cont) |
| LM End | 2.12 | Issue Type + | Ma | Location * | |

Photo 2 of 3 : UCIP_SP_2018_51699_45191.jpg



WS view: siphon breaker on concrete pad on levee slope.

Photo 3 of 3 : UCIP_SP_2018_51699_45190.jpg



WS view: Upper part of the siphon breaker missing.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.19 | Rating ** | C | Issue No. | 37 |
| LM End | 3.07 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.803571 ° | 37.799716 ° |
| | | | | -121.385011 ° | -121.369848 ° |
| DWR ID | DWR_RD2058_01_f_2017_37 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.19 | Rating ** | C | Issue No. | 36 |
| LM End | 3.07 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.803572 ° | 37.799716 ° |
| | | | | -121.385010 ° | -121.369848 ° |
| DWR ID | DWR_RD2058_01_f_2017_36 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.24 | Rating ** | M | Issue No. | 12 |
| LM End | 2.30 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.803375 ° | 37.803136 ° |
| | | | | -121.384196 ° | -121.383078 ° |
| DWR ID | DWR_RD2058_01_f_2013_12 | | | | |
| Comment Code | | | | | |
| DT : Ditch | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2018_RD2058_111_12_20180305_00007.jpg



View of the ditch at the landside levee toe.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | |
|--|---------------------------|--------------|-----|------------------------|---------------|
| LM Start | 2.39 | Rating ** | A/W | Issue No. | 16 |
| LM End | 2.39 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.802782 ° | 37.802782 ° |
| | | | | -121.381413 ° | -121.381413 ° |
| DWR ID | DWR_RD2058_01_s _ 2012_16 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| Elderberry growing on landside toe. The LMA maintains the shrub to allow visibility. | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|-----|------------------------|---------------|
| LM Start | 2.61 | Rating ** | A/W | Issue No. | 63 |
| LM End | 2.61 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.801962 ° | 37.801962 ° |
| | | | | -121.377684 ° | -121.377684 ° |
| DWR ID | DWR_RD2058_01_s _ 2012_63 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| Elderberry on waterside slope. | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|-----|------------------------|---------------|
| LM Start | 2.63 | Rating ** | A/W | Issue No. | 64 |
| LM End | 2.63 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.801876 ° | 37.801876 ° |
| | | | | -121.377291 ° | -121.377291 ° |
| DWR ID | DWR_RD2058_01_s _ 2012_64 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 2.64 | Rating ** | A/W | Issue No. | 65 |
| LM End | 2.64 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.801823 ° | 37.801823 ° |
| | | | | -121.377068 ° | -121.377068 ° |
| DWR ID | DWR_RD2058_01_s_2012_65 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 2.72 | Rating ** | A/W | Issue No. | 66 |
| LM End | 2.72 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.801497 ° | 37.801497 ° |
| | | | | -121.375586 ° | -121.375586 ° |
| DWR ID | DWR_RD2058_01_s_2012_66 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.16 | Rating ** | C | Issue No. | 39 |
| LM End | 3.58 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.798900 ° | 37.793686 ° |
| | | | | -121.368570 ° | -121.364578 ° |
| DWR ID | DWR_RD2058_01_f_2017_39 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.16 | Rating ** | C | Issue No. | 38 |
| LM End | 4.85 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.798900 ° | 37.784809 ° |
| | | | | -121.368569 ° | -121.349662 ° |
| DWR ID | DWR_RD2058_01_f_2017_38 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 3.53 | Rating ** | A/W | Issue No. | 68 |
| LM End | 3.53 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.794396 ° | 37.794396 ° |
| | | | | -121.364944 ° | -121.364944 ° |
| DWR ID | DWR_RD2058_01_s_2012_68 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| The LMA maintains the shrub to allow visibility. | | | | | |

No Photos

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.72 | Rating ** | M | Issue No. | 974 |
| LM End | 3.72 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.791856 ° | 37.791856 ° |
| | | | | -121.363514 ° | -121.363514 ° |
| DWR ID | DWR_RD2058_01_s_2012_974 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| Flagged bushes obstructing visibility and access. | | | | | |

No Photos

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 4.31 | Rating ** | A/W | Issue No. | 71 |
| LM End | 4.31 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.789794 ° | 37.789794 ° |
| | | | | -121.354883 ° | -121.354883 ° |
| DWR ID | DWR_RD2058_01_s_2012_71 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|--------------------|--------------|----|------------------------|---------------|
| LM Start | 4.43 | Rating ** | M | Issue No. | 1 |
| LM End | 4.47 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR Erosion Survey | | | 37.789810 ° | 37.789653 ° |
| | | | | -121.352490 ° | -121.351791 ° |
| DWR ID | RD2058U01RM3.97 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| 10/10/2017: No significant change observed. | | | | | |
| 07/20/2016: No significant change observed. | | | | | |
| 08/04/2015: No significant change observed. | | | | | |
| 08/26/2014: No significant change observed. | | | | | |
| 08/28/2013: No significant change observed. | | | | | |
| 07/26/2012: The site has been visited, and no significant change has been observed. | | | | | |
| 09/02/2011: This site was not visited due to the time limit. | | | | | |
| 09/22/2010: No significant change observed. Minor pocket erosions are lined at the lower bank. Two large Oak and Willow trees are on mid-slope and bench. The remaining bench was re-measured and found to be approximately 10 feet. There was no indication of active erosion on site during the site visit. | | | | | |
| 08/05/2010: Recommended for annual assessment and monitoring of the site during flood events, per CLRO. | | | | | |
| 07/23/2009: No major change observed since last visit; site is a 200-ft. long near-vertical berm erosion; recommend annual assessment and monitoring of the erosion site, per CLRO CES Evaluation 2008 Report; Site # is the same site previously reported as RM4.0,LM4.51; previously rated "U". | | | | | |
| 09/10/2008: Two large trees (2-3' DBH) with partial roots exposed. | | | | | |
| 2007: Visited site 03/13/2007. [2017 Site ID:RD2058U01RM3.97] | | | | | |

Photo 1 of 4 : SP_2018_RD2058_111_1_20180305_00001.jpg



Direct view of the pocket erosion site.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

Reclamation District No. 2058 Pescadero

Reclamation District No. 2058 Pescadero

Direct view of the erosion near a tree.

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Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|---------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | | |
|--|-------------------------|--------------|-----|------------------------|-----------|--|
| LM Start | 4.63 | Rating ** | A/W | Issue No. | 43 (cont) | |
| LM End | | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | 2017 Storm Damage | | | 37.787800 ° | | |
| | | | | -121.350860 ° | | |
| DWR ID | DWR_RD2058_01_f_2017_43 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| <p>Levee Evaluation Comments</p> <p>Description:</p> <p>Site ID No:82</p> <p>Site Designation:LMA-36</p> <p>Repair Type: Erosion</p> <p>Rating:Area of Concern</p> <p>Field Date:6/8/2017</p> <p>Notes: vegetation too dense to evaluate damage. Erosion on the waterside is greater than three feet tall into the levee prism as of Fall 2017 Inspection. Turned back over to Evaluators for re-assessment.</p> | | | | | | |

| | | | | | |
|--|---------------------------|--------------|-----|------------------------|---------------|
| LM Start | 4.63 | Rating ** | A/W | Issue No. | 40 |
| LM End | 4.76 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Bank Caving | | | 37.787756 ° | 37.785971 ° |
| | | | | -121.350851 ° | -121.350372 ° |
| DWR ID | DWR_RD2058_01_f _ 2017_40 | | | | |
| Comment Code | | | | | |
| E2 : Schedule repair of erosion site prior to the next inspection. | | | | | |
| Inspector Comment | | | | | |
| Erosion on the waterside is greater than three feet tall into the levee prism. | | | | | |

A photograph showing a riverbank with a large, weathered tree trunk and a fallen log partially submerged in the water. The water is a murky green color. The bank is covered in dry, brownish vegetation. The date '08 08 2017' is printed in orange in the bottom right corner.

Downstream view of the erosion.

| * Location | ** Rating | + Issue Type |
|---|---|--|
| LS : Land Side WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
| N/A : Not Applicable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | | |
|--|-------------------------|--------------|-----|------------------------|-----------|---------------|
| LM Start | 4.63 | Rating ** | A/W | Issue No. | 40 (cont) | |
| LM End | 4.76 | Issue Type + | Ma | Location * | WS | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Erosion / Bank Caving | | | 37.787756 ° | | 37.785971 ° |
| | | | | -121.350851 ° | | -121.350372 ° |
| DWR ID | DWR_RD2058_01_f_2017_40 | | | | | |
| Comment Code | | | | | | |
| E2 : Schedule repair of erosion site prior to the next inspection. | | | | | | |
| Inspector Comment | | | | | | |
| Erosion on the waterside is greater than three feet tall into the levee prism. | | | | | | |

Photo 2 of 5 : SP_2018_RD2058_111_40_20180305_00031.jpg



Another downstream view of the erosion.

| | | | | | |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | 4.63 | Rating ** | A/W | Issue No. | 40 (cont) |
| LM End | 4.76 | Issue Type + | Ma | Location * | WS |

Photo 3 of 5 : SP_2018_RD2058_111_40_20180305_00032.jpg



Upstream view of the erosion site.

| | | | | | |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | 4.63 | Rating ** | A/W | Issue No. | 40 (cont) |
| LM End | 4.76 | Issue Type + | Ma | Location * | WS |

Photo 4 of 5 : SP_2018_RD2058_111_40_20180305_00033.jpg



Another upstream view of the erosion site.

| | | | | | |
|---|--|--|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|--|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | | |
|--|-------------------------|--------------|-----|------------------------|-----------|---------------|
| LM Start | 4.63 | Rating ** | A/W | Issue No. | 40 (cont) | |
| LM End | 4.76 | Issue Type + | Ma | Location * | WS | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Erosion / Bank Caving | | | 37.787756 ° | | 37.785971 ° |
| | | | | -121.350851 ° | | -121.350372 ° |
| DWR ID | DWR_RD2058_01_f_2017_40 | | | | | |
| Comment Code | | | | | | |
| E2 : Schedule repair of erosion site prior to the next inspection. | | | | | | |
| Inspector Comment | | | | | | |
| Erosion on the waterside is greater than three feet tall into the levee prism. | | | | | | |

Photo 5 of 5 : SP_2018_RD2058_111_40_20180305_00034.jpg



Erosion on the bank looking upstream.

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 4.76 | Rating ** | A/W | Issue No. | 15 |
| LM End | 4.83 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Bank Caving | | | 37.785965 ° | 37.785045 ° |
| | | | | -121.350374 ° | -121.349936 ° |
| DWR ID | DWR_RD2058_01_f_2013_15 | | | | |
| Comment Code | | | | | |
| E1 : Note and monitor erosion site. | | | | | |
| Inspector Comment | | | | | |
| The erosion has about a 3 foot vertical cut at the waterside levee toe. | | | | | |

Photo 1 of 3 : SP_2018_RD2058_111_15_20180305_00008.jpg



View of the erosion at the waterside levee toe.

| | | | | | |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | 4.76 | Rating ** | A/W | Issue No. | 15 (cont) |
| LM End | 4.83 | Issue Type + | Ma | Location * | WS |

Photo 2 of 3 : SP_2018_RD2058_111_15_20180305_00009.jpg



Upstream view of the erosion.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | | |
|---|-------------------------|--------------|-----|------------------------|-----------|---------------|
| LM Start | 4.76 | Rating ** | A/W | Issue No. | 15 (cont) | |
| LM End | 4.83 | Issue Type + | Ma | Location * | WS | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Erosion / Bank Caving | | | 37.785965 ° | | 37.785045 ° |
| | | | | -121.350374 ° | | -121.349936 ° |
| DWR ID | DWR_RD2058_01_f_2013_15 | | | | | |
| Comment Code | | | | | | |
| E1 : Note and monitor erosion site. | | | | | | |
| Inspector Comment | | | | | | |
| The erosion has about a 3 foot vertical cut at the waterside levee toe. | | | | | | |

Photo 3 of 3 : SP_2018_RD2058_111_15_20180305_00010.jpg



Downstream view of the erosion site.

| | | | | | |
|--|-------------------------|--------------|-----|------------------------|-----|
| LM Start | 4.77 | Rating ** | A/W | Issue No. | 44 |
| LM End | | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2017 Storm Damage | | | 37.785862 ° | ° |
| | | | | -121.350303 ° | ° |
| DWR ID | DWR_RD2058_01_f_2017_44 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| Levee Evaluation Comments | | | | | |
| Description: | | | | | |
| Site ID No:100 | | | | | |
| Site Designation:FSRP-14-25 | | | | | |
| Repair Type: Erosion | | | | | |
| Rating:Area of Concern | | | | | |
| Field Date:6/8/2017 | | | | | |
| Notes: vegetation too dense to evaluate damage. The erosion has about a 3 foot vertical cut at the waterside levee toe as of the Fall 2017 Inspection. Turned back over to Evaluators for re-assessment. | | | | | |

Photo 1 of 3 : LEVAL_SP_2018_100_1357.jpg



| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | | |
|----------|---------------------------|--------------|-----|------------------------|-----------|-----|
| LM Start | 4.77 | Rating ** | A/W | Issue No. | 44 (cont) | |
| LM End | | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | 2017 Storm Damage | | | 37.785862 ° | | ° |
| | | | | -121.350303 ° | | ° |
| DWR ID | DWR_RD2058_01 f _ 2017_44 | | | | | |

Comment Code

Inspector Comment

Levee Evaluation Comments

Description:

Site ID No:100

Site Designation:FSRP-14-25

Repair Type: Erosion

Rating:Area of Concern

Field Date:6/8/2017

Notes: vegetation too dense to evaluate damage. The erosion has about a 3 foot vertical cut at the waterside levee toe as of the Fall 2017 Inspection. Turned back over to Evaluators for re-assessment.

| | | | | | |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | 4.77 | Rating ** | A/W | Issue No. | 44 (cont) |
| LM End | | Issue Type + | Ma | Location * | |

Photo 2 of 3 : LEVAL_SP_2018_100_1359.jpg



Photo 3 of 3 : LEVAL_SP_2018_100_1361.jpg



| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.89 | Rating ** | C | Issue No. | 41 |
| LM End | 5.52 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.784548 ° | 37.780065 ° |
| | | | | -121.348940 ° | -121.340029 ° |
| DWR ID | DWR_RD2058_01_f_2017_41 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.10 | Rating ** | U | Issue No. | 29 |
| LM End | 5.10 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.783102 ° | 37.783102 ° |
| | | | | -121.345682 ° | -121.345682 ° |
| DWR ID | DWR_RD2058_01_s_2012_29 | | | | |
| Comment Code | | | | | |
| RA : Ramp | | | | | |
| Inspector Comment | | | | | |
| New ramp construction connecting dairy to levee. Construction of ramp results in a new pond on the landside of the levee. 2/21/2012, owner has said that he will contact the CVFPB to resolve this issue. | | | | | |

Photo 1 of 3 : SP_2018_RD2058_111_29_20180305_00017.jpg



11/08/2011 New ramp has been constructed by Dairy farmer connecting his barns to the levee.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 5.10 | Rating ** | U | Issue No. | 29 (cont) |
| LM End | 5.10 | Issue Type + | En | Location * | LS |

Photo 2 of 3 : SP_2018_RD2058_111_29_20180305_00018.jpg



Completed new ramp constructed by Dairy farmer connecting his barns to the levee.

| | | | | | |
|---|--|--|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|--|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 5.10 | Rating ** | U | Issue No. | 29 (cont) | |
| LM End | 5.10 | Issue Type + | En | Location * | LS | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | Encroachments | | | 37.783102 ° | 37.783102 ° | |
| | | | | -121.345682 ° | -121.345682 ° | |
| DWR ID | DWR_RD2058_01_s_2012_29 | | | | | |
| Comment Code | | | | | | |
| RA : Ramp | | | | | | |
| Inspector Comment | | | | | | |
| New ramp construction connecting dairy to levee. Construction of ramp results in a new pond on the landside of the levee. 2/21/2012, owner has said that he will contact the CVFPB to resolve this issue. | | | | | | |

Photo 3 of 3 : SP_2018_RD2058_111_29_20180305_00019.jpg



11/08/2011 New ramp has been constructed by Dairy farmer connecting his barns to the levee.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.29 | Rating ** | U | Issue No. | 30 |
| LM End | 5.29 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.782268 ° | 37.782268 ° |
| | | | | -121.342257 ° | -121.342257 ° |
| DWR ID | DWR_RD2058_01_s_2012_30 | | | | |
| Comment Code | | | | | |
| RA : Ramp | | | | | |
| Inspector Comment | | | | | |
| Ramp constructed to dairy. Raised ramps, see issue 29 are creating new holding ponds for dairy at levee toe. | | | | | |

Photo 1 of 3 : SP_2018_RD2058_111_30_20180305_00020.jpg



11/08/2011 Photo shows existing middle ramp to the levee which has been raised.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 5.29 | Rating ** | U | Issue No. | 30 (cont) |
| LM End | 5.29 | Issue Type + | En | Location * | LS |

Photo 2 of 3 : SP_2018_RD2058_111_30_20180305_00021.jpg



Completed new ramp constructed by Dairy farmer connecting his barns to the levee.

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 5.29 | Rating ** | U | Issue No. | 30 (cont) | |
| LM End | 5.29 | Issue Type + | En | Location * | LS | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | Encroachments | | | 37.782268 ° | 37.782268 ° | |
| | | | | -121.342257 ° | -121.342257 ° | |
| DWR ID | DWR_RD2058_01_s_2012_30 | | | | | |
| Comment Code | | | | | | |
| RA : Ramp | | | | | | |
| Inspector Comment | | | | | | |
| Ramp constructed to dairy. Raised ramps, see issue 29 are creating new holding ponds for dairy at levee toe. | | | | | | |

Photo 3 of 3 : SP_2018_RD2058_111_30_20180305_00022.jpg



11/08/2011 Photo shows view from the levee looking to the left of the middle ramp.

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 5.63 | Rating ** | A/W | Issue No. | 25 |
| LM End | 5.63 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.778515 ° | 37.778515 ° |
| | | | | -121.339136 ° | -121.339136 ° |
| DWR ID | DWR_RD2058_01_s_2016_25 | | | | |
| Comment Code | | | | | |
| A1 : Exterminate rodents and backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| Monitor this area for rodent activity. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.71 | Rating ** | M | Issue No. | 33 |
| LM End | 5.71 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Bank Caving | | | 37.777735 ° | 37.777735 ° |
| | | | | -121.338103 ° | -121.338103 ° |
| DWR ID | DWR_RD2058_01_s_2017_33 | | | | |
| Comment Code | | | | | |
| E1 : Note and monitor erosion site. | | | | | |
| Inspector Comment | | | | | |
| The approximate 10 foot berm is eroding towards the levee slope. | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.95 | Rating ** | M | Issue No. | 19 |
| LM End | 6.32 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.775176 ° | 37.771929 ° |
| | | | | -121.335450 ° | -121.330124 ° |
| DWR ID | DWR_RD2058_01_f_2016_19 | | | | |
| Comment Code | | | | | |
| DT : Ditch | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2018_RD2058_111_19_20180305_00011.jpg



View of the ditch at the landside levee toe.

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 5.97 | Rating ** | A/W | Issue No. | 28 |
| LM End | 5.97 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.774886 ° | 37.774886 ° |
| | | | | -121.335122 ° | -121.335122 ° |
| DWR ID | DWR_RD2058_01_s_2016_28 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2018_RD2058_111_28_20180305_00016.jpg



View of the rodent holes on the levee slope.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 6.23 | Rating ** | M | Issue No. | 42 |
| LM End | 6.23 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.772613 ° | 37.772613 ° |
| | | | | -121.331467 ° | -121.331467 ° |
| DWR ID | DWR_RD2058_01_f_2017_42 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| Bait stations installed. | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 6.46 | Rating ** | M | Issue No. | 981 |
| LM End | 6.46 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.770158 ° | 37.770158 ° |
| | | | | -121.329430 ° | -121.329430 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:45871 | | | | | |
| DS_ID:22701 | | | | | |
| EP_NO: 13262 | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Indicator Found | | | | | |
| UCIP Comments: Owner needs to install signs at crossing. | | | | | |
| FIELD_STRUCT_DESC: 1 of 3: 4-inch concrete encased polyvinyl chloride (PVC) electrical conduit through the levee, 3 feet below the crown. Signs on both banks of the levee. Manholes on both sides of Manthey Road. Pipes visible under Manthey Road bridge. (To install three 4-inch concrete encased PVC electrical conduits through the levee authorized under Permit No. 13262, 1981 - Pacific Telephone and Telegraph Company [PT&T]). | | | | | |
| FS Date: 5/13/2015 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 6.46 | Rating ** | M | Issue No. | 981 (cont) |
| LM End | 6.46 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2018_45871_73100.jpg



Pipes visible under Manthey Rd Bridge at Paradise Cut.

Photo 2 of 3 : UCIP_SP_2018_45871_73101.jpg



Pipes visible under Manthey Rd Bridge at Paradise Cut.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 6.46 | Rating ** | M | Issue No. | 981 (cont) | |
| LM End | 6.46 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 37.770158 ° | 37.770158 ° | |
| | | | | -121.329430 ° | -121.329430 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:45871 DS_ID:22701 EP_NO: 13262 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Owner needs to install signs at crossing. FIELD_STRUCT_DESC: 1 of 3: 4-inch concrete encased polyvinyl chloride (PVC) electrical conduit through the levee, 3 feet below the crown. Signs on both banks of the levee. Manholes on both sides of Manthey Road. Pipes visible under Manthey Road bridge. (To install three 4-inch concrete encased PVC electrical conduits through the levee authorized under Permit No. 13262, 1981 - Pacific Telephone and Telegraph Company [PT&T]). FS Date: 5/13/2015 | | | | | | |

Photo 3 of 3 : UCIP_SP_2018_45871_74132.jpg



Comm sign and Pac Bell manhole appr. 600 ft from LS toe.

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 6.46 | Rating ** | M | Issue No. | 982 |
| LM End | 6.46 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.770159 ° | 37.770159 ° |
| | | | | -121.329426 ° | -121.329426 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:45768 | | | | | |
| DS_ID:25077 | | | | | |
| EP_NO: 13262 | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Indicator Found | | | | | |
| UCIP Comments: Owner needs to install signs at crossing. | | | | | |
| FIELD_STRUCT_DESC: 2 of 3: 4-inch concrete encased polyvinyl chloride (PVC) electrical conduit through the levee, 3 feet below the crown. Signs on both banks of the levee. Manholes on both sides of Manthey Road. Pipes visible under Manthey Road bridge. (To install three 4-inch concrete encased PVC electrical conduits through the levee authorized under Permit No. 13262, 1981 - Pacific Telephone and Telegraph Company [PT&T]). | | | | | |
| FS Date: 5/13/2015 | | | | | |

Photo 1 of 3 : UCIP_SP_2018_45768_74267.jpg



Pipes visible under Manthey Rd Bridge at Paradise Cut

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|------------|---------------|
| LM Start | 6.46 | Rating ** | M | Issue No. | 982 (cont) | |
| LM End | 6.46 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 37.770159 ° | | 37.770159 ° |
| | | | | -121.329426 ° | | -121.329426 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:45768 | | | | | | |
| DS_ID:25077 | | | | | | |
| EP_NO: 13262 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Indicator Found | | | | | | |
| UCIP Comments: Owner needs to install signs at crossing. | | | | | | |
| FIELD_STRUCT_DESC: 2 of 3: 4-inch concrete encased polyvinyl chloride (PVC) electrical conduit through the levee, 3 feet below the crown. Signs on both banks of the levee. Manholes on both sides of Manthey Road. Pipes visible under Manthey Road bridge. (To install three 4-inch concrete encased PVC electrical conduits through the levee authorized under Permit No. 13262, 1981 - Pacific Telephone and Telegraph Company [PT&T]). | | | | | | |
| FS Date: 5/13/2015 | | | | | | |

Photo 2 of 3 : UCIP_SP_2018_45768_74268.jpg



Cuts in pavement visible appr. 450 ft from WS toe.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 6.46 | Rating ** | M | Issue No. | 982 (cont) |
| LM End | 6.46 | Issue Type + | En | Location * | |

Photo 3 of 3 : UCIP_SP_2018_45768_74269.jpg



Comm sign and Pac Bell manhole appr. 600 ft from LS toe.

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 6.46 | Rating ** | M | Issue No. | 983 |
| LM End | 6.46 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.770158 ° | 37.770158 ° |
| | | | | -121.329430 ° | -121.329430 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:45769 DS_ID:25078 EP_NO: 13262 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Owner needs to install sign at crossing. FIELD_STRUCT_DESC: 3 of 3: 4-inch concrete encased polyvinyl chloride (PVC) electrical conduit through the levee, 3 feet below the crown. Signs on both banks of the levee. Manholes on both sides of Manthey Road. Pipes visible under Manthey Road bridge. (To install three 4-inch concrete encased PVC electrical conduits through the levee authorized under Permit No. 13262, 1981 - Pacific Telephone and Telegraph Company [PT&T]). FS Date: 5/13/2015 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 6.46 | Rating ** | M | Issue No. | 983 (cont) |
| LM End | 6.46 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2018_45769_74270.jpg



Cuts in pavement visible appr. 450 ft from WS toe.

Photo 2 of 3 : UCIP_SP_2018_45769_74271.jpg



Comm sign and Pac Bell manhole appr. 600 ft from LS toe.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2058 Pescadero

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Paradise Cut | Left | 6.58 | 03/12/2018 03/12/2018 | Maksim Khashchuk |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|-----|
| LM Start | 6.46 | Rating ** | M | Issue No. | 983 (cont) | |
| LM End | 6.46 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 37.770158 ° | 37.770158 ° | |
| | | | | -121.329430 ° | -121.329430 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:45769 | | | | | | |
| DS_ID:25078 | | | | | | |
| EP_NO: 13262 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Indicator Found | | | | | | |
| UCIP Comments: Owner needs to install sign at crossing. | | | | | | |
| FIELD_STRUCT_DESC: 3 of 3: 4-inch concrete encased polyvinyl chloride (PVC) electrical conduit through the levee, 3 feet below the crown. Signs on both banks of the levee. Manholes on both sides of Manthey Road. Pipes visible under Manthey Road bridge. (To install three 4-inch concrete encased PVC electrical conduits through the levee authorized under Permit No. 13262, 1981 - Pacific Telephone and Telegraph Company [PT&T]). | | | | | | |
| FS Date: 5/13/2015 | | | | | | |

Photo 3 of 3 : UCIP_SP_2018_45769_74272.jpg



Pipes visible under Manthey Rd Bridge at Paradise Cut.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|